

IN THE CLAIMS:

Claims 1-28 (cancelled)

Claim 29 (Original): A method of distributing work through a cluster of workstations for efficient distributed processing, said cluster having a plurality of workstations interconnected over a network, the method comprising:

- receiving a work request;
- classifying the work request into one or more tasks;
- assigning said one or more tasks to one or more router queues capable of handling said one or more tasks;
- dispatching said assigned one or more tasks for execution; and
- determining performance statistics associated with said one or more router queues.

Claim 30 (Original): The method of distributing work through a cluster of workstations as claimed in claim 29, the method further including:

- computing a time lapse between the step of assigning and the step of dispatching.

Claim 31 (Original): The method of distributing work through a cluster of workstations as claimed in claim 29, wherein the step of dispatching includes:

- determining one or more initiators best suited to execute said one or more tasks; and
- dispatching said one or more tasks to said best suited one or more initiators for execution.

Claim 32 (Original): The method of distributing work through a cluster of workstations as claimed in claim 31, wherein the method further includes:

- adding additional initiators to execute said one or more tasks based on the performance statistics of said one or more router queues.

Claim 33 (Original): The method of distributing work through a cluster of workstations as claimed in claim 31, wherein the step of determining further includes:

receiving from said one or more initiators system specific statistics data associated with said one or more initiators for determining said one or more initiators best suited to execute said one or more tasks.

Claim 34 (Original): The method of distributing work through a cluster of workstations as claimed in claim 31, wherein the step of determining further includes:

computing performance statistics of said one or more initiators for determining said one or more initiator best suited to execute said one or more tasks.

Claim 35 (Original): The method of distributing work through a cluster of workstations as claimed in claim 31, wherein the method further includes:

distributing objects with same class name having different implementations over a cluster of workstations which objects said one or more initiators invoke to execute said one or more tasks.

Claims 36 - 38 (cancelled).